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ELECTRONIC THERMOMETER AZA1075

The AZA1075 Electronic Thermometer from AZALAB is a high-precision, fast-response temperature measurement instrument designed for versatile applications across laboratory, industrial, pharmaceutical, HVAC, and food safety environments. Engineered with advanced electronic sensing technology, it delivers accurate and repeatable temperature readings within seconds.

Available in both contact probe-based and non-contact infrared (IR) configurations, AZA1075 supports a wide range of measurement requirements—from direct immersion in liquids and semi-solids to safe, hygienic surface temperature detection without contact.

Key Features

Fast & Reliable Measurement

- Delivers accurate temperature readings within seconds using high-sensitivity sensors.

Wide Temperature Range

- Covers a broad measurement span from -50°C to $+300^{\circ}\text{C}$ (model dependent).

High Accuracy & Resolution

- Accuracy up to $\pm 1^{\circ}\text{C}$ with fine resolution of 0.1°C / 0.1°F .

Contact & Non-Contact Options

- Probe Models: Stainless steel probe for immersion and direct measurement
- IR Models: Non-contact measurement with rapid response (< 1 second)





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TECHNICAL SPECIFICATIONS

Parameter	Specification
Measurement Type	Digital (Contact / Non-contact IR)
Temperature Range	-50°C to +300°C (Model Dependent)
Accuracy	±1°C (Typical)
Resolution	0.1°C / 0.1°F
Display	Digital LCD (Backlight Optional)
Probe Length	100 – 150 mm (Probe Models)
Housing Material	ABS Plastic
Probe Material	Stainless Steel
Units	°C / °F (Switchable)
Response Time	<1 second (IR) / Few seconds (Probe)
Power Supply	Button Cell / AAA Battery
Auto Shut-Off	Yes
Ingress Protection	IP65 (Select Models)
Compliance	ASTM E2877, ISO 17025 (Select Models)